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- 13 -

REMARKS

In response to the Office Action mailed February 8, 2007, Applicant respectfully requests reconsideration. Claims 1, 2, 4-22 and 24-68 were previously pending in this application. Claims 21, 37, 40, and 45 have been amended. As a result, Claims 1, 2, 4-22 and 24-68 are pending for examination with Claims 1, 17, 20, 21, 37, 40-46, and 65 being independent. The application is believed to be in condition for allowance.

Allowable Subject Matter

Applicants note with appreciation the indication of allowable subject matter in all of the pending Claims 1, 2, 4-20, 41-44, 46-52, 59-61 and 65-68.

Rejections under 35 U.S.C. §101

The Office Action rejects claims 21, 22, 24-40, 45, 53-58 and 62-64 under 35 U.S.C. §101 because the claimed invention is directed to non-statutory subject matter. Specifically, the Office Action asserts Claims 21, 27, 32, 37, 40, 45, and 63 fail to claim a tangible result.

Although Applicants do not agree with the rejection under 35 U.S.C. §101, Claims 21, 37, 40, and 45 have been amended to expedite prosecution. Specifically, Claim 21 (from which Claims 27 and 32 depend from), Claim 37, Claim 40 (from which Claim 63 depends), and Claim 45 have been amended to include the limitation of "providing data indicative of the angular orientation of the object." Support for the added limitation may be found in Applicants' specification in at least page 7, lines 13-17; and page 8, lines 23-25. Indicating angular orientation of an object must be considered a tangible result.

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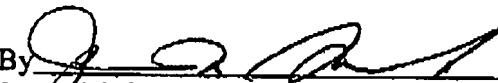
- 14 -

CONCLUSION

In view of the above amendments and remarks, it is believed that all claims are in condition for allowance, and it is respectfully requested that the application be passed to issue. If the Examiner feels that a telephone conference would expedite prosecution of this case, the Examiner is invited to call the undersigned.

Respectfully submitted,

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